

**METHOD AND APPARATUS FOR GENERATING REFERENCE TRANSMISSION  
SIGNAL FOR USE IN TESTING COMMUNICATIONS RECEIVERS**

**ABSTRACT OF THE DISCLOSURE**

A method and apparatus for generating a reference transmission signal for use in testing a communications system. A data packet transmission signal containing a plurality of reference data is captured and digitized, following which reference data is retrieved. The retrieved data is used to modulate a carrier signal to produce a digital transmission signal, which is stored for later use, such that impairments in a signal from a traditional trusted unit are substantially removed, thereby minimizing uncertainty during later testing using such signal.